

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	10/584641	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/12 23:19
L2	161	"370"/\$.cls. and (mimo same ofdm).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/12 23:21
L3	4	"370"/\$.cls. and (mimo same ofdm same eigen\$8).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/12 23:24
L4	22	"370"/\$.cls. and (mimo same ofdm and eigen\$8).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/12 23:26
L5	3	(convert\$4 same subcarrier\$4 same vector\$4 same eigen\$4).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/12 23:46
L6	14	(convert\$4 same subcarrier\$4 same back).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/12 23:48
L7	14	(convert\$4 same subcarrier\$4 same (fed feed)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/12 23:48
S1	28239257	@ad<="20031227" or @rlad<="20031227" or @ptad<="20031227" or @pt1d<="20031227" or @pt3d<="20031227"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 14:06
S2	7	(convert\$4) same (symbol subcarrier sub-carrier) same (eigen) same ((invers\$4 near3 fourier) ifft)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 14:08

S3	0	S1 and S2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 14:09
S4	4162	(convert\$4) same (symbol subcarrier sub-carrier) same ((invers\$4 near3 fourier) ifft)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 14:10
S5	2240	(convert\$4) same (symbol subcarrier sub-carrier) same ((invers\$4 near3 fourier) ifft) same ofdm	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 14:10
S6	13	(convert\$4) same (symbol subcarrier sub-carrier) same ((invers\$4 near3 fourier) ifft) same ofdm same eigen\$9	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 14:10
S7	16	(convert\$4) same (symbol subcarrier sub-carrier) same ((invers\$4 near3 fourier) ifft) same eigen\$9	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 14:11
S8	3	S1 and S7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 14:11
S9	39	(symbol subcarrier sub-carrier) same ((invers\$4 near3 fourier) ifft) same eigen\$9	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 14:14
S10	14	S1 and S9	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 14:14
S11	2	"20060133530"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 14:23
S12	1538	((symbol near3 ofdm) subcarrier sub-carrier) same ((invers\$4 near3 fourier) ifft) same antenna\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 14:35
S13	175	((symbol near3 ofdm) subcarrier \$4 sub-carrier\$4) with ((invers \$4 near3 fourier) ifft) with antenna\$4 with ofdm	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 14:35

S14	43	S1 and S13	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 14:36
S15	27	converter with ((symbol near3 ofdm) subcarrier\$4 sub-carrier \$4) with ((invers\$4 near3 fourier) ifft) with antenna\$4 with ofdm	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 14:40
S16	10	S1 and S15	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 14:40
S17	250	converter same ((symbol near3 ofdm) subcarrier\$4 sub-carrier \$4) same ((invers\$4 near3 fourier) ifft) same antennas same ofdm	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 14:54
S18	69	converter same ((symbol near3 ofdm) subcarrier\$4 sub-carrier \$4) same ((invers\$4 near3 fourier) ifft) same antennas same ofdm same receiver same transmitter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 14:55
S19	23	S1 and S18	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 14:55
S20	57	(group\$4 near4 ((symbol near3 ofdm) subcarrier\$4 sub-carrier \$4)) same (eigenbeam\$4 (eigen adj beam\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 15:06
S21	17	S1 and S20	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 15:06
S22	2	"6985434".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 15:07
S23	7	(group\$4 near4 ((symbol near3 ofdm) subcarrier\$4 sub-carrier \$4)) same (eigenbeam\$4 (eigen adj beam\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 15:10
S24	0	S1 and S23	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 15:10

S25	18	(group\$4 near4 ((symbol near3 ofdm) subcarrier\$4 sub-carrier\$4)) and (eigenbeam\$4 (eigen adj beam\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 15:11
S26	1	S1 and S25	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 15:11
S27	10	((symbol near3 ofdm) subcarrier\$4 sub-carrier\$4)) same (eigenbeam\$4 (eigen adj beam\$4)) same feed\$8	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 15:12
S28	1	S1 and S27	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 15:12
S29	2	"6985434".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 15:14
S30	22	((symbol near3 ofdm) subcarrier\$4 sub-carrier\$4)) same (eigenbeam\$4 (eigen adj beam\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 15:16
S31	1	S1 and S30	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 15:16
S32	40	((symbol near3 ofdm) subcarrier\$4 sub-carrier\$4)) same (eigenbeam\$4 eigen-beam\$4 (eigen near3 beam\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 15:16
S33	7	S1 and S32	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 15:17
S34	60	(eigenvector\$4 (eigen near3 vector\$4) eigen-vector\$4) same (eigenbeam\$4 eigen-beam\$4 (eigen near3 beam\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 15:18
S35	28	S1 and S34	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 15:18

S36	1	wo adj "0241524"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 15:28
S37	4	"2002041524"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 15:29
S38	0	wo adj "2041524"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 15:30
S39	0	wo adj "02041524"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 15:30
S40	0	wo adj "02/041524"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 15:30
S41	0	wo adj "2/041524"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 15:30
S42	0	wo near3 2/041524	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 15:30
S43	0	wo near3 "2041524"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 15:31
S44	0	wo near3 "02041524"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 15:31
S45	3688571	WO 02/041524	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 15:31
S46	0	WO adj 02/041524	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 15:31

S47	0	WO near3 02/041524	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 15:31
S48	0	WO near3 "02041524"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 15:31
S49	0	WO-2041524-\$.did	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 15:32
S50	0	WO-2041524-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 15:32
S51	21	(longterm (long near3 term) long-term) same (eigenbeam\$4 eigen-beam\$4 (eigen near3 beam\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 15:35
S52	17	S1 and S51	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 15:35
S53	1	10/584641	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 15:58
S54	0	((CHOI near3 IN-KYEONG) (KIM near3 SEONG-RAG) (KWON near3 DONG-SEUNG) (CHOI near3 JIN-HO)).in. and (converter same eigen same fourier).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/21 11:12
S55	2	((CHOI near3 IN-KYEONG) (KIM near3 SEONG-RAG) (KWON near3 DONG-SEUNG) (CHOI near3 JIN-HO)).in. and (converter same eigen\$8 same fourier).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/21 11:13
S56	28266308	@ad<="20031227" or @rlad<="20031227" or @ptad<="20031227" or @pt1d<="20031227" or @pt3d<="20031227"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/03 15:44

S57	3	"20050094740"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/03 15:45
S58	2	"7447270".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/03 15:45
S59	1	10/584641	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/03 15:55
S60	131	((CHOI near3 IN-KYEONG) (KIM near3 SEONG-RAG) (KWON near3 DONG-SEUNG) (CHOI near3 JIN-HO)).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/03 15:57
S61	98034	((CHOI near3 IN-KYEONG) (KIM near3 SEONG-RAG) (KWON near3 DONG-SEUNG) (CHOI near3 JIN-HO)).in. and (ofdm)".com"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/03 15:57
S62	6	((CHOI near3 IN-KYEONG) (KIM near3 SEONG-RAG) (KWON near3 DONG-SEUNG) (CHOI near3 JIN-HO)).in. and (ofdm).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/03 15:57
S63	28266308	@ad<="20031227" or @rlad<="20031227" or @ptad<="20031227" or @pt1d<="20031227" or @pt3d<="20031227"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/03 17:59
S64	2	((eigenbeam\$4 (eigen near3 beam\$4)) near3 vector\$4) with (feed\$4) with ofdm	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/03 18:01
S65	2	((eigenbeam\$4 (eigen near3 beam\$4)) near3 vector\$4) same (feed\$4) same ofdm	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/03 18:01
S66	2	((eigenbeam\$4 (eigen near3 beam\$4)) near3 vector\$4) same (eigenmode (eigen adj mode)) same ofdm	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/03 18:02
S67	8	((eigenbeam\$4 (eigen near3 beam\$4)) ) same (eigenmode (eigen adj mode)) same ofdm	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/03 18:02

S68	1	S63 and S67	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/03 18:02
S69	41	((eigenbeam\$4 (eigen near3 beam\$4)) ) same (eigenmode (eigen adj mode))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/03 18:03
S70	14	S63 and S69	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/03 18:03

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